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(71) Applicant (for all designated States except US): PRIME-A-PAC, INC. [US/US]; 2734 South Cobb Industrial Boulevard, Smyrna, GA 30082 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): INGLESE, Pat [US/US]; 3961 Glenhurst Drive, Smyrna, GA 30080 (US). HURST, David, Ray [US/US]; 66 Alexander Lane, Jefferson, GA 30549 (US).

(74) Agent: JACKSON, Robert, M.; Patent & Environmental Law Center, Post Office Box 430144, Birmingham, AL 35243 (US).

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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE. AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA. CH. CN, CO. CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG. ES. FI. GB. GD., GE., GH. GM. HR., HU., ID., IL., IN., IS., JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG. PH. PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ. TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM. ZW. ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE. IS. IT. LT. LU, MC, NL, PL, PT. RO. SE. SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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(54) Title: CONCRETE PUMP PRIMER

(57) Abstract: An improved composition for and method of priming a concrete pump line is provided. The flowable composition comprises a solid particulate mixture and water, the particulate mixture being comprised of solvatable polymeric material preferably selected from a group consisting of polyacrylamide, polyacrylate and mixtures thereof; an organic complexing agent preferably of urea; and a buffering agent preferably of citric acid. The invention provides a flowable composition exhibiting improved coating and lubrication to the inner walls of a concrete line as it passes therethrough. The flowable composition mixes quickly with water to form a clear solution, hydrates quickly upon being mixed with water, and provides a composition for use in priming concrete pump lines that does not utilize cement or priming grout slurry.



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